

South Hills School of Business & Technology

Architectural CAD

THE MASTER FORMAT DIVISIONS OF CONSTRUCTION:

MasterFormat is a standard for organizing specifications and other written information for commercial and institutional building projects in the U.S. The MasterFormat is a product of the Construction Specifications Institute (CSI). In November 2004 MasterFormat expanded from 16 Divisions to 50 Divisions, reflecting innovations in the construction industry. It provides a master list of divisions, and section numbers and titles within each division, to follow in organizing information about a facility's construction requirements and associated activities

Division 00: Procurement and Contracting Requirements

This would cover: Bid Documents
 Insurance Information

Division 01: General Requirements

This would cover: General Construction Notes
 Contractor Responsibilities

Division 02: Existing Conditions

This would cover: Any Existing Site or Building items

Division 03: Concrete

This would cover: Concrete used for Footers & Foundations Walls
 Pre-Cast Concrete Walls and Flooring
 Concrete Floor Slabs

Division 04: Masonry

This would cover: CMU Blocks
 Brick
 Stone (Limestone, Granite, Slate)
 Faux Stone & Brick
 Glass Block
 Grout

Division 05: Metals

This would cover:

- Structural Steel
- Miscellaneous Steel (Base & Top Plates, Lintels, Anchor Bolts)
- Metal Decking
- Bar Joists
- Metal Studs
- Ladders
- Architectural Millwork (Lattice, Scroll Work)
- Metal Stairs
- Handrails & Guardrails

Division 06: Wood, Plastics, and Composites

This would cover:

- Lumber
- Pre-Engineered Floor Joists & Roof Trusses
- Heavy Timber Construction
- Wood Decking & Sheathing
- Glue Laminated Timbers
- Architectural Millwork (Wood Base, Door Trim, Crown Molding, Chair Rail)
- Cabinets & Hardware
- Wood Stairs & Handrails
- Structural Plastics

Division 07: Thermal & Moisture Protection

This would cover:

- Building Insulation
- Exterior Insulation & Finishing Systems (EIFS)
- Vapor Retarders
- Air Barriers
- Shingle Roofing
- Rubber Roofing
- Metal Roofing
- Siding (Metal, Aluminum, Vinyl)
- Flashing
- Fascias & Soffits
- Gutters & Downspouts
- Shutters, Louvers, & Gingerbread
- Caulking

Division 08: Openings

This would cover:

- Metal, Aluminum, & Wood Doors & Frames
- Glass Doors
- Screen Doors
- Overhead Doors
- Counter & Fire Shutters
- Specialty Doors (Fire Doors, Cooler Doors, Sound Doors, Revolving Doors)
- Access Doors
- Folding Doors
- Bilco Doors
- Door Hardware

- Metal, Aluminum, Wood, & Vinyl Windows & Frames
- Security Windows & Screens
- Skylights & Light Tubes
- Plastic Glazing
- Glass Curtain Walls

Division 09: Finishes

This would cover:

- Gypsum Wall Board (Drywall)
- Lath & Plaster
- Ceramic Tile
- Granite, Slate, & Marble
- Acoustical Ceiling Tile & Grid
- Metal & Wood Ceiling Systems
- Mirror Surfaces
- Carpet
- Vinyl Base
- Sound Absorbing Panels
- Wallpaper
- Indoor Athletic Flooring
- Laminate Flooring
- Fiberglass (or Plastic) Wall Panels (FRP)
- Paint

Division 10: Specialties

This would cover:

- Chalk & Tack Boards
- Toilet Partitions
- Restroom Finishes (Grab Bars, Toilet Paper & Paper Towel Dispensers, Trash Cans)
- Pre-Manufactured Fireplaces & Stoves
- Flagpoles
- Computerized Message Boards
- Signage
- Lockers
- Mailboxes
- Awnings
- Shelving & Closet Specialties
- Sun Control Devices

Division 11: Equipment

This would cover:

- Window Washing Maintenance Equipment
- Bank Equipment
- Church Equipment
- Library Equipment
- Store Displaying Equipment
- Projection Screens
- Loading Dock Equipment
- Trash & Laundry Chutes
- Prison Equipment
- Walk-in Coolers and Freezers
- Appliances
- TVs & Accessories
- Athletic Equipment
- Medical Equipment

Division 12: Furnishings

This would cover:

- Laboratory Casework
- Medical Casework
- Floor Mats & Frames
- Blinds & Shades
- Furniture
- Fixed Audience Seating
- Booths & Tables

Division 13: Special Construction

This would cover:

- Athletic Rooms
- Sound Booths
- Wine Cellars
- Transportation Booths & Shelters
- Hot Tubs, Saunas, & Steam Baths
- Bullet Resistant Protection
- Radiation Protection
- Grandstands and Bleachers
- Cable Supported & Fabric Structures
- Dome Structures
- Swimming Pool Enclosures
- Swimming Pools & Equipment
- Kennels & Animal Shelters

Division 14: Convening Systems

This would cover:

- Elevators
- Escalators
- Dumbwaiters
- Moving Walks
- Wheelchair Lifts
- Stair Lifts
- Vehicle Lifts
- Pneumatic Tube Systems

Division 15: RESERVED FOR FUTURE EXPANSION

Division 16: RESERVED FOR FUTURE EXPANSION

Division 17: RESERVED FOR FUTURE EXPANSION

Division 18: RESERVED FOR FUTURE EXPANSION

Division 19: RESERVED FOR FUTURE EXPANSION

Division 20: RESERVED FOR FUTURE EXPANSION

Division 21: Fire Suppression

This would cover:

- Wet & Dry Sprinkler Systems
- Piping
- Heads
- Controls Systems
- Alarm Systems
- Fire Department Connections

Division 22: Plumbing

This would cover: Sanitary & Supply Piping
 Floor Drains & Trenches
 Plumbing Fixtures
 Safety Showers & Eye Washes
 Fittings & Trimmings

Division 23: Heating Ventilating and Air Conditioning

This would cover: Heating & Air Conditioning Units (HVAC)
 Ductwork
 Controls
 Grilles & Diffusers
 Dampers
 Exhaust Fans & Vent Hoods
 Humidity Controls

Division 24: RESERVED FOR FUTURE EXPANSION

Division 25: Integrated Automation

Division 26: Electrical

This would cover: Wiring & Raceways
 Receptacles
 Lighting
 Emergency Lighting & Exit Signs
 Smoke & Heat Detectors
 Exterior Site Lighting
 Electronic Scoreboards

Division 27: Communications

This would cover: TV, Phone, & Computer Cabling

Division 28: Electronic Safety and Security

This would cover: Security Alarm Systems

Division 29: RESERVED FOR FUTURE EXPANSION

Division 30: RESERVED FOR FUTURE EXPANSION

Division 31: Earthwork

This would cover: Rock Removal
 Subsurface Drainage

Division 32: Exterior Improvements

This would cover: Paving
 Sidewalks & Curbing
 Site Furniture
 Recreational Surfaces & Equipment
 Fencing
 Retaining Walls

Division 33: Utilities

Division 34: Transportation

Division 35: Waterway and Marine

Division 36: RESERVED FOR FUTURE EXPANSION

Division 37: RESERVED FOR FUTURE EXPANSION

Division 38: RESERVED FOR FUTURE EXPANSION

Division 39: RESERVED FOR FUTURE EXPANSION

Division 40: Process Integration

Division 41: Material Processing and Handling Equipment

Division 42: Process Heating, Cooling, and Drying Equipment

Division 43: Process Gas and Liquid Handling, Purification and Storage Equipment

Division 44: Pollution Control Equipment

Division 45: Industry-Specific Manufacturing Equipment

Division 46: Water and Wastewater Equipment

Division 47: RESERVED FOR FUTURE EXPANSION

Division 48: Electrical Power Generation

Division 49: RESERVED FOR FUTURE EXPANSION